

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DMX-23-PCT	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US02/34927	International filing date (<i>day/month/year</i>) 31 October 2002 (31.10.2002)	(Earliest) Priority Date (<i>day/month/year</i>) 11 March 2001 (11.03.2001)
Applicant DYMAX CORPORATION		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of _____ sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the Report**
 - a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
 - b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:
 contained in the international application in written form.
 filed together with the international application in computer readable form.
 furnished subsequently to this Authority in written form.
 furnished subsequently to this Authority in computer readable form.
 the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
2. Certain claims were found **unsearchable** (See Box I).
3. **Unity of invention is lacking** (See Box II).
4. With regard to the **title**,
 the text is approved as submitted by the applicant.
 the text has been established by this Authority to read as follows:
5. With regard to the **abstract**,
 the text is approved as submitted by the applicant.
 the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the **drawings** to be published with the abstract is Figure No. _____
 as suggested by the applicant.
 because the applicant failed to suggest a figure.
 because this figure better characterizes the invention.

None of the figures

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International application No.

PCT/US02/34927

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C09D 101/00, 163/00, 133/04, 133/26, 139/04; C09J 4/02, 101/00, 133/04, 133/26, 139/04.
US CL : 522/88, 89, 135, 167, 170, 173, 175; 528/403, 405, 406, 407, 408, 418, 421.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 522/88, 89, 135, 167, 170, 173, 175; 528/403, 405, 406, 407, 408, 418, 421.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
USPATENTS, DERWENT, JPO, EPO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,070,002 A (LEECH ET AL) 03 December 1991, Abstract, column 2, lines 24-34 and lines 44-48, column 2, line 66, to column 3, line 15, column 3, lines 25-36, column 4, lines 1-6 and lines 57-65.	1 -----
A	US 6,251,557 B1 (LAPIN ET AL) 26 June 2001, Abstract, column 3, lines 10-15, column 4, lines 41-56, column 5, lines 58-66, column 6, lines 51-55, column 7, lines 38-41, column 8, lines 35-50.	2-15
Y	US 4,745,003 A (SIRKOCH ET AL) 17 May 1988, column 1, line 54, to column 2, line 13, column 3, lines 22-30, column 5, lines 45-55, and Example 2.	1-15
A	US 5,453,450 A (KINZER ET AL) 26 September 1995, Abstract, column 2, lines 30-47, column 4, lines 33-36, column 5, lines 5-56, column 5, line 66, to column 6, line 22, column 11, lines 14-22.	1-15
A	EP 0,393,407 A1 (NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION) 24 October 1990, Abstract, page 3, lines 37-45, page 4, lines 5-12 and lines 44-48, page 5, lines 11-18, page 5, line 56, to page 6, line 5, page 7, lines 16-20.	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search	Date of mailing of the international search report
27 December 2002 (27.12.2002)	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer Susan W Berman
Faxsimile No. (703)305-3230	Telephone No. 703 308 0661

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y --- A	US 5,985,951 A (COOK) 16 November 1999, Abstract, column 5, lines 11-21, column 7, lines 7-24, column 8, lines 12-24 and line 44, to column 9, line 12, column 9, lines 39-49, and column 10, lines 30-56. A US 5 453450 A Kinzer et al	1-5, 8-12, 15 ----- 6, 7, 13, 14